

Abstract

A belt retractor for a vehicle safety belt comprises a frame and a belt spool (1) which is rotatably mounted in the frame, and at least one locking toothing (2, 3) which is connected with the belt spool. A first locking catch (5) and a second locking catch (6) are provided, which are supported on the frame and can engage into the at least one locking toothing (2, 3). The first locking catch (5) is able to swing about a point of rotation which is arranged such that with the first locking catch (5) guided into the locking toothing (2, 3) a virtual line, which passes through a point of contact between the first locking catch (5) and the locking toothing (2, 3) and stands perpendicularly on a tooth face in the point of contact, runs between the point of rotation and a rotation axis of the belt spool (1). The second locking catch (6) is able to swing about a point of rotation which is arranged such that with the second locking catch (6) guided into the locking toothing (2, 3), a virtual line which passes through a point of contact between the second locking catch (6) and the locking toothing (2, 3) and stands perpendicularly on a tooth face in the point of contact, runs on the side of the point of rotation facing away from the rotation axis of the belt spool (1).

EU 853429685 US )or

I heroby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office-to-Addressee" Service under 37 CFR 1.10 on the date indicated below and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

10-6-03  
Date of Deposit  
Signature of Person Mailing Paper or Fee  
DERONAN DEW  
Name of Person Signing  
10-6-03  
Date of Signature